



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/829,403  
Applicant : Marco Tartagni  
Filed : April 20, 2004  
TC/A.U. : 2858  
Examiner :

Confirmation No. 5957

Docket No. : 2505377-991104  
Customer No. : 29585

Title of Invention: CAPACITIVE DISTANCE SENSOR

\* \* \*

REVOCATION OF PRIOR POWER OF ATTORNEY AND  
NEW POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandra, VA 22312-1450

Sir:

Under 37 CFR § 1.36 the undersigned hereby revokes prior Powers of Attorney in the above-entitled matter and hereby executes the following new Power of Attorney.

NEW POWER OF ATTORNEY

Applicant, UPEK, Inc., hereby appoints practitioners at Customer No. 29585 as attorneys/agents with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. An Assignment document was recorded on April 7, 2004, at Reel/Frame 014499/0234 to satisfy the chain of title requirements under 37 CFR 3.73(b).

Please address all future communications regarding this application to:

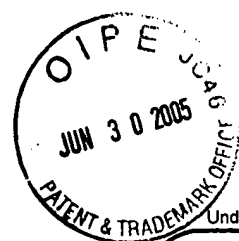
Customer No. 29585  
DLA Piper Rudnick Gray Cary US LLP  
ATTN: PATENT DEPARTMENT  
153 Townsend Street, Suite 800  
San Francisco, CA 94107-1907

Please direct all telephone calls to Andrew V. Smith, Reg. No. 43,132 at 415-836-2522.

UPEK, Inc.

Dated March 7, 2005

By: Kenneth A. Racine  
Kenneth Racine  
General Counsel



PTO/SB/122 (04-05)

Approved for use through 07/31/2006. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Alexandria, VA 22313-1450

Application Number	10/829,403
Filing Date	April 20, 2005
First Named Inventor	Marco Tartagni
Art Unit	2858
Examiner Name	Vincent Q. Nguyen
Attorney Docket Number	2505377-991104

Please change the Correspondence Address for the above-identified patent application to:

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Customer Number:

29585

OR

☒ Firm or  
Individual Name DLA Piper Rudnick Gray Cary US LLPAddress Attn: Andrew V. Smith  
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City San Francisco

State  
CA

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Email  
Andrew.V.Smith@DLA Piper.com

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I am the:

- ☐ Applicant/Inventor
- ☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or agent of record. Registration Number 43,132
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature

Typed or Printed  
Name Andrew V. Smith

Date June 27, 2005

Telephone 415-836-2522

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

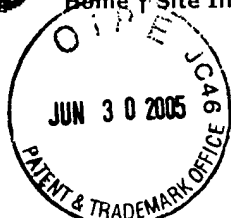
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This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Marco Tartagni	01/29/1998

## RECEIVING PARTY DATA

Name:	SGS-Thompson Microelectronics S.R.L.
Street Address:	Via C. Olivetti
City:	Agrate Brianza
State/Country:	ITALY
Postal Code:	2110041

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10829403

## CORRESPONDENCE DATA

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Correspondent Name: DLA Piper Rudnick Gray Cary US LLP  
Address Line 1: 153 Townsend Street, Suite 800  
Address Line 2: Attn: Andrew V. Smith  
Address Line 4: San Francisco, CALIFORNIA 94107-1957

## DOMESTIC REPRESENTATIVE

<b>Name:</b> <b>Address Line 1:</b> <b>Address Line 2:</b> <b>Address Line 3:</b> <b>Address Line 4:</b>	
<b>NAME OF SUBMITTER:</b>	Andrew V. Smith, Reg. No. 43,132
<b>Signature:</b>	/Andrew Vernon Smith/
<b>Date:</b>	06/27/2005
<b>Total Attachments: 2</b> source=assignment to STM#page1.tif source=assignment to STM#page2.tif	
<b>RECEIPT INFORMATION</b>  <b>EPAS ID:</b> PAT40036 <b>Receipt Date:</b> 06/27/2005 <b>Fee Amount:</b> \$40	

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## ASSIGNMENT

WHEREAS, I, Marco Tartagni (hereinafter referred to as ASSIGNOR), having a post office address of Via Mastri, 17, 47014 Meldola, Italy, am the sole inventor of an invention entitled "CAPACITIVE DISTANCE SENSOR," as described and claimed in the specification forming part of a continuation-in-part application for United States letters patent executed concurrently herewith; this application is a continuation-in-part of U.S. Application No. 08/799,548, filed February 13, 1997, which claims priority on European Application No. 96830068.1 filed February 14, 1996.

WHEREAS, SGS-Thomson Microelectronics S.r.l. (hereinafter referred to as ASSIGNEE), a corporation of the country of Italy, having a place of business at Via C. Olivetti, 2, I-20041 Agrate Brianza, Italy, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all countries of the world;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all countries of the world, and in any and all divisions, reissues and continuations thereof, including the right to file applications worldwide directly in the name of ASSIGNEE and to claim priority rights deriving from the first filed application to which said worldwide applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had he been the original owner and this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and letters patent in all countries of the world on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Applicants' counsel is authorized to insert the official filing date and application number information when it becomes available.

Marco Tartagni

Marco Tartagni

Date: 1/29/98

I certify that I know or have satisfactory evidence that the above person signed this instrument of his own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Roberto Guerrieri

Roberto Guerrieri

Date: 1/29/98

RI:ckt

WPN\85x063\447C1\Assign



#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 27, 2005.

Gerry Ubau

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Examiner	: Vincent Q. Nguyen		
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Customer No.	: 29585		

Title: CAPACITIVE DISTANCE SENSOR

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

#### REQUEST TO CHANGE PATENT OFFICE RECORDS

Sir:

This is a request to change the Official Patent Office Records in connection with the above-identified patent application.

Please replace the current docket number: 870893-5 with the new docket number: **2505377-991104**.



The Commissioner is authorized to charge any deficiencies in fees and credit any overpayment of fees to Deposit Account No. 07-1896. A duplicate page is enclosed.

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

Dated: June 27, 2005

By



Andrew V. Smith  
Reg. No. 43,132  
Attorney for Applicant

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